REF AEB175006

175006 **E** - en – 2015/11 EN

AGAR TECHNICAL

For microbiological control only

Ingredient for culture media

SUMMARY AND EXPLANATION

Agar technical is a bacteriological agar especially purified for microbiology.
It is a purified dried extract, obtained from many marine seaweeds species and it is used as solidifying agent in preparation of solid culture media..

PRINCIPLE

In concentrations of 1.3 to 2.0 % (13 to 20 g/l), it allows to obtain firm and slightly opalescent agar media.

CONTENT OF THE KIT

Dehydrated ingredient	
REF **AEB175006**	500 g bottle

COMPOSITION

PHYSICAL CHARACTERISTICS

Appearance : cream coloured powder
Residual moisture : < 10%
Gelling point (1,5%) : 33 – 34°C
Gel strength after autoclaving : 1100 g/cm2
Melting point (1,5%) : 92°C
Total solubility in solution at 1.5% in purified water.
pH : 6.7 + 0,5

CHEMICAL CHARACTERISTICS

Total ashes	**< 2,6 %**
Starch	**absence**
Gelatin	**absence**
Calcium	**1285 ppm**
Chrome	**2 ppm**
Iron	**40 ppm**
Magnesium	**1499 ppm**
Manganese	**4 ppm**
Nickel	**2 ppm**
Lead	**8 ppm**
Zinc	**6 ppm**

MICROBIOLOGICAL CHARACTERISTICS

In 10 grams of product
Thermoresistant spores : absence

WARNINGS AND PRECAUTIONS

- **For microbiological control only.**
- **For professional use only.**
- All specimens, microbial cultures and inoculated products should be considered infectious and handled appropriately. Aseptic technique and usual precautions for handling the bacterial group studied should be observed throughout this procedure. Refer to "CLSI® M29-A, Protection of Laboratory Workers From Occupationally Acquired Infections; Approved Guideline– current revision." For further information on handling precautions, refer to "Biosafety in Microbiological and Biomedical Laboratories – DC/NIH. latest edition, or the current regulations in the country
- Culture media should not be used as manufacturing material or components.
- Do not use reagents past the expiry date.
- Do not use media which are not homogeneous (presence of lumps).
- Avoid opening bottles in a humid atmosphere (steam, condensation, etc.).
- The medium should be used according to the procedure indicated in this package insert. Any change or modification in the procedure may affect the results.

STORAGE CONDITIONS

- **Store the bottle at 1 – 30 °C until the expiry date.**
- Store in a dry place

SPECIMENS

Follow the recommendations in the current standards to perform specimen collection and preparation.

INSTRUCTION FOR USE

Use according to instructions in reference text.

QUALITY CONTROL

The Agar technical has been designed and developed to meet the strictest quality requirements.
The results obtained using strains tested during controls for bacteriological activity are shown on the quality control certificate for each batch, available from our website (www.biomerieux.com).

WASTE DISPOSAL

Unused reagents may be considered as non hazardous waste and disposed of accordingly.
Dispose of all used reagents as well as any other contaminated disposable materials following procedures for infectious or potentially infectious products.
It is the responsibility of each laboratory to handle waste and effluents produced according to their nature and degree of hazardousness and to treat and dispose of them (or have them treated and disposed of) in accordance with any applicable regulations.

INDEX OF SYMBOLS

Symbol	Meaning
	Catalogue number
	Manufacturer
	Temperature limit
	Use by date
	Batch code
	Consult Instructions for Use
	Keep dry

WARRANTY

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